

1. Record Nr.	UNINA9910739469103321
Titolo	Intelligent Agents in Data-intensive Computing // edited by Joanna Koodziej, Luís Correia, José Manuel Molina
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-23742-X
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (231 p.)
Collana	Studies in Big Data, , 2197-6503 ; ; 14
Disciplina	006.3
Soggetti	Computational intelligence Data mining Artificial intelligence Computational Intelligence Data Mining and Knowledge Discovery Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Bio-Inspired ICT for Big Data Management in Healthcare -- Control Aspects in Multiagent Systems -- A Different Perspective of Agent-Based Techniques: Markovian Agents -- Autonomous, Adaptive, And Self-Organized Multiagent Systems for the Optimization of Decentralized Industrial Processes -- Formal Specification Language and Agent Applications -- Large-Scale Simulations with FLAME -- Cloud Computing and Multiagent Systems, A Promising Relationship -- Privacy Risks in Cloud Computing -- Adaptive Resource Allocation in Cloud Computing Based on Agreement Protocols.
Sommario/riassunto	This book presents new approaches that advance research in all aspects of agent-based models, technologies, simulations and implementations for data intensive applications. The nine chapters contain a review of recent cross-disciplinary approaches in cloud environments and multi-agent systems, and important formulations of data intensive problems in distributed computational environments together with the presentation of new agent-based tools to handle those problems and Big Data in general. This volume can serve as a

reference for students, researchers and industry practitioners working in or interested in joining interdisciplinary work in the areas of data intensive computing and Big Data systems using emergent large-scale distributed computing paradigms. It will also allow newcomers to grasp key concepts and potential solutions on advanced topics of theory, models, technologies, system architectures and implementation of applications in Multi-Agent systems and data intensive computing. .
